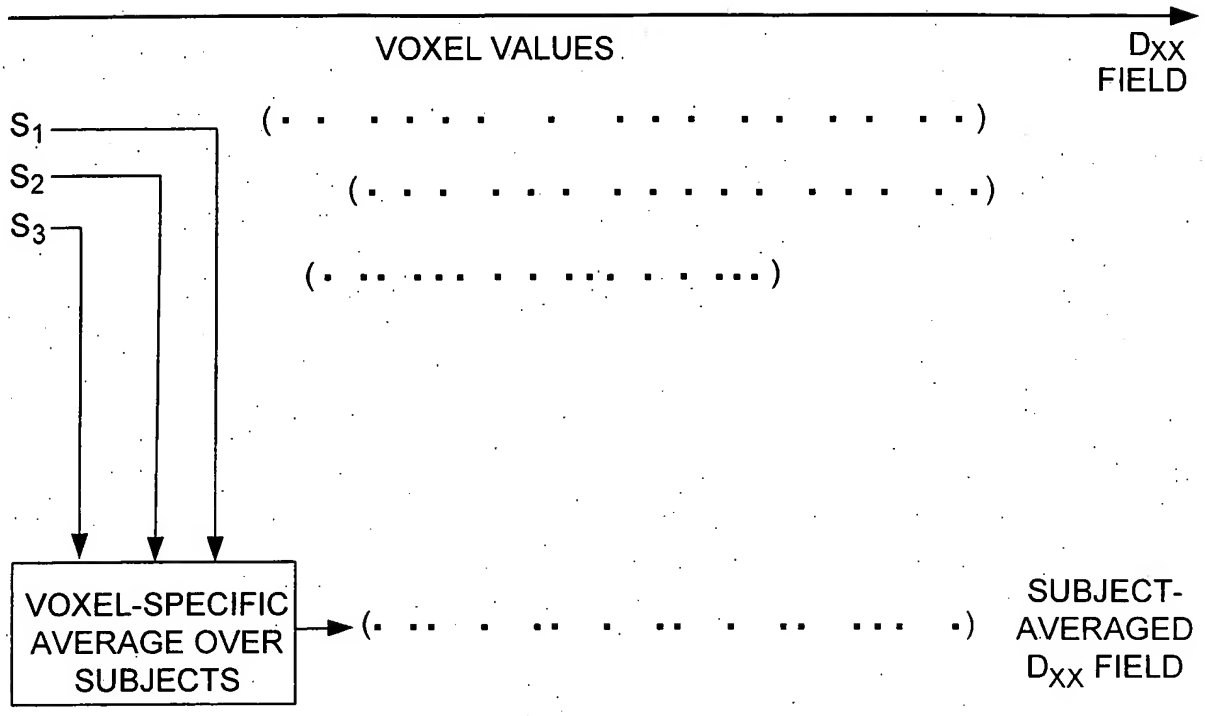

FIG. 1

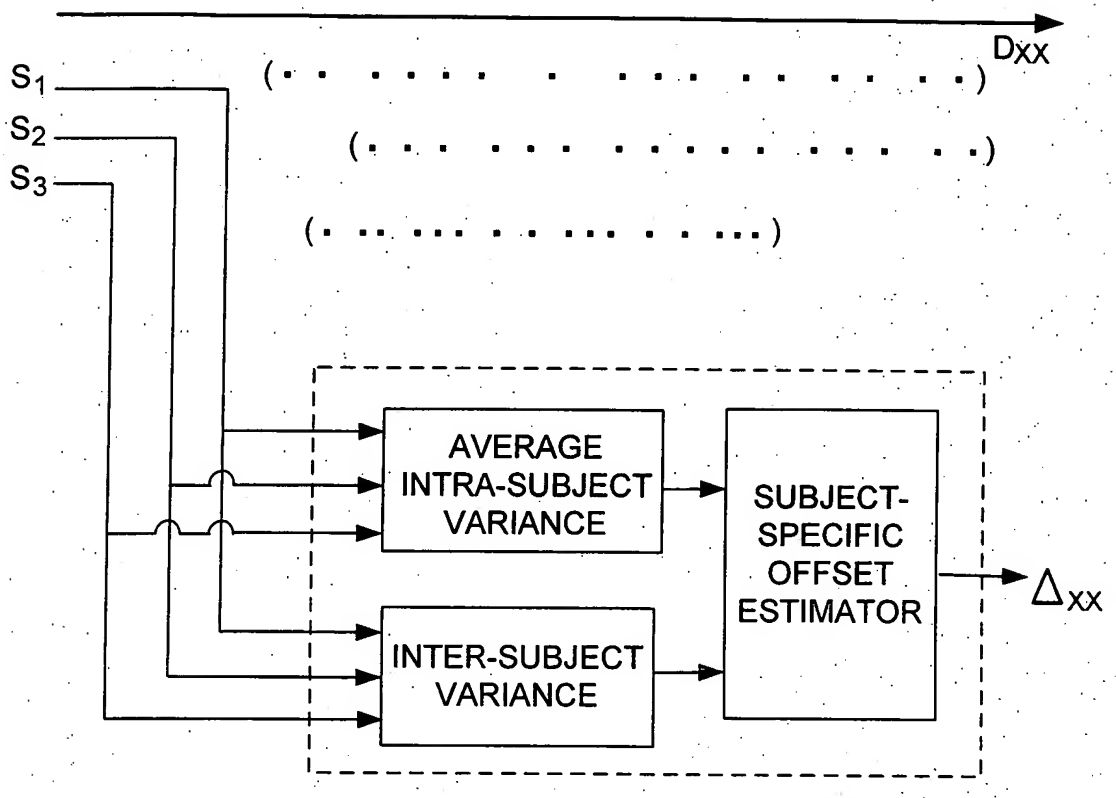
Dxx
S1
S2
S3
AVERAGE INTRA-SUBJECT VARIANCE
INTER-SUBJECT VARIANCE
SUBJECT-SPECIFIC OFFSET ESTIMATOR
Δxx

FIG. 2

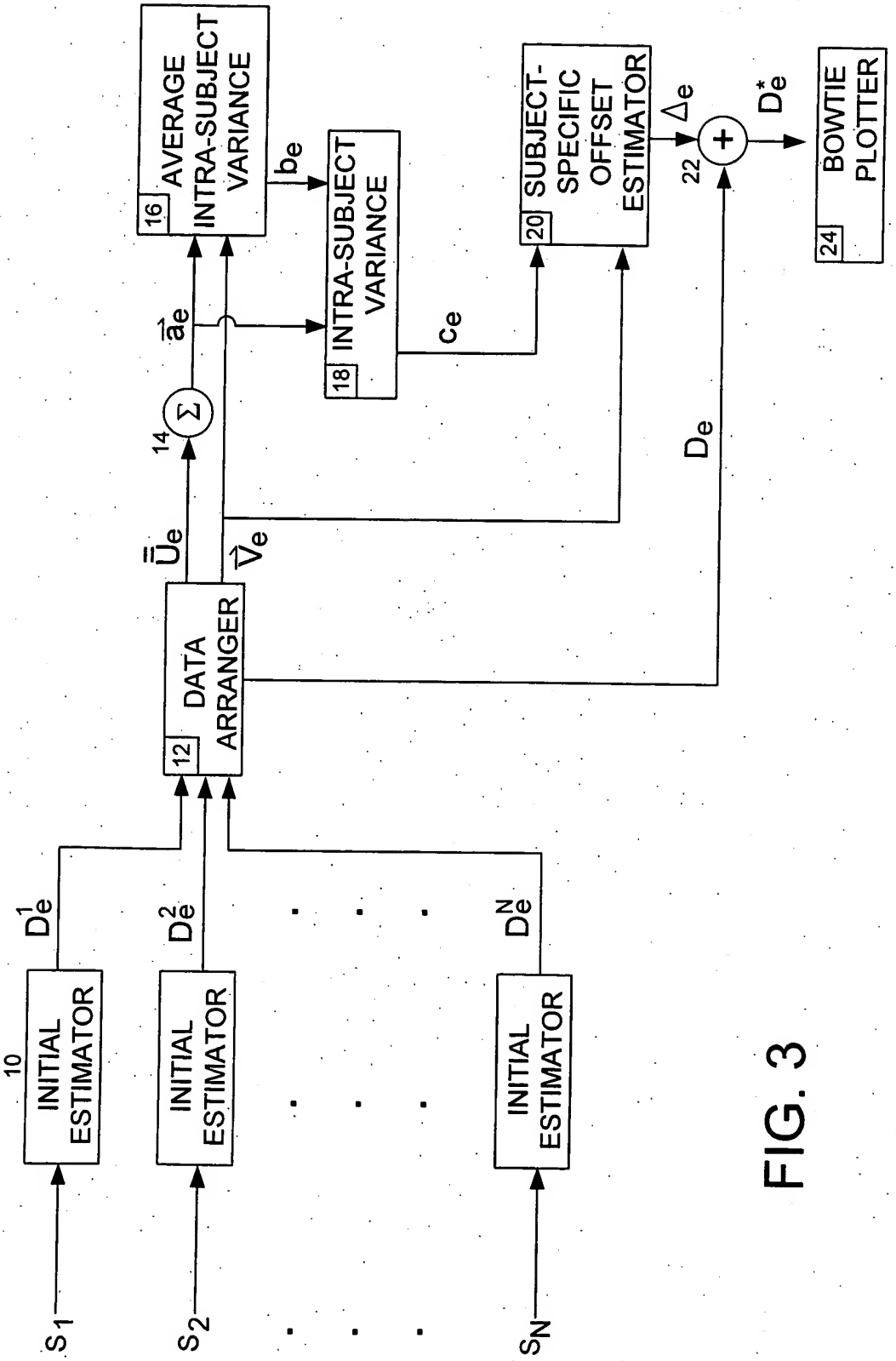
S1
S2
SN
10 INITIAL ESTIMATOR
INITIAL ESTIMATOR
INITIAL ESTIMATOR
D1e
D2e
DNe
12 DATA ARRANGER
Ūe
V̄e
14 Σ
āe
16 AVERAGE INTRA-SUBJECT VARIANCE
be
18 INTRA-SUBJECT VARIANCE
ce
20 SUBJECT-SPECIFIC OFFSET ESTIMATOR
Δe
22 +
De
D*e
24 BOWTIE PLOTTER

FIG. 3

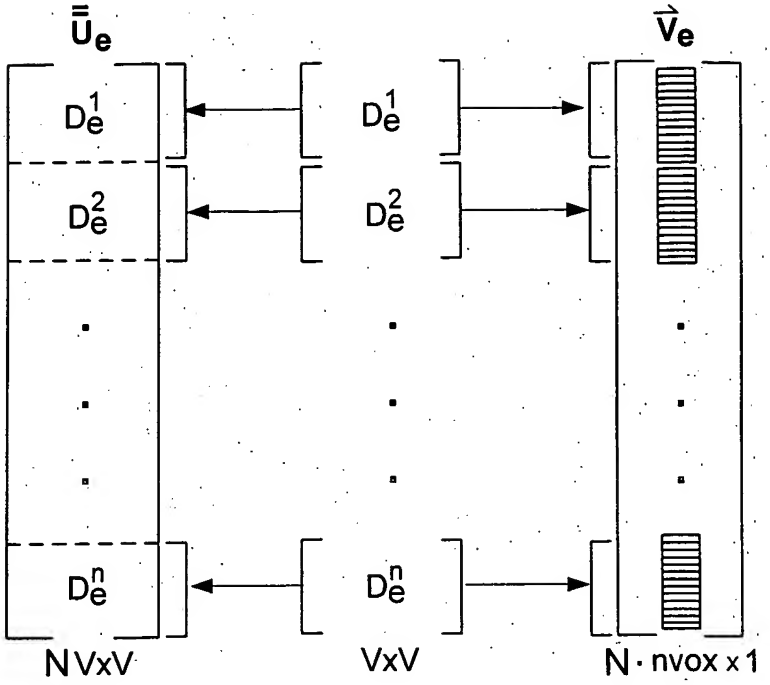

FIG. 4

$$e = 0$$

$$\text{while } e \leq 6$$

$$\{ e = e + 1$$

26

$$\vec{a}_e = \bar{\bar{u}}_e \cdot \vec{1}_{nvox}$$

$$\vec{r}_e = \vec{v}_e \cdot \vec{1}_{nvox} \otimes \vec{a}_e \quad \} 28$$

$$b_e = \left(\frac{\vec{r}_e^{\,T} \, \vec{r}_e}{N(v^2-1)} \right)$$

30

$$c_e = \left(\frac{\text{trace} \; (\vec{a}_e \, \vec{a}_e^{\,T})}{N-1} \right) - b_e$$

32

$$\vec{\delta}_e = \frac{c_e \left(\vec{1}_{nvox} \otimes \bar{\bar{1}}_N \right)^T \vec{r}_e}{N(v-1)}$$

$$\left. \begin{array}{l} \bar{\bar{\Delta}}_e = \vec{\delta}_e \otimes \bar{\bar{J}}_v \\ \bar{\bar{D}}_e^* = \bar{\bar{D}}_e + \bar{\bar{\Delta}}_e \; \} \end{array} \right\} 34$$

FIG. 5

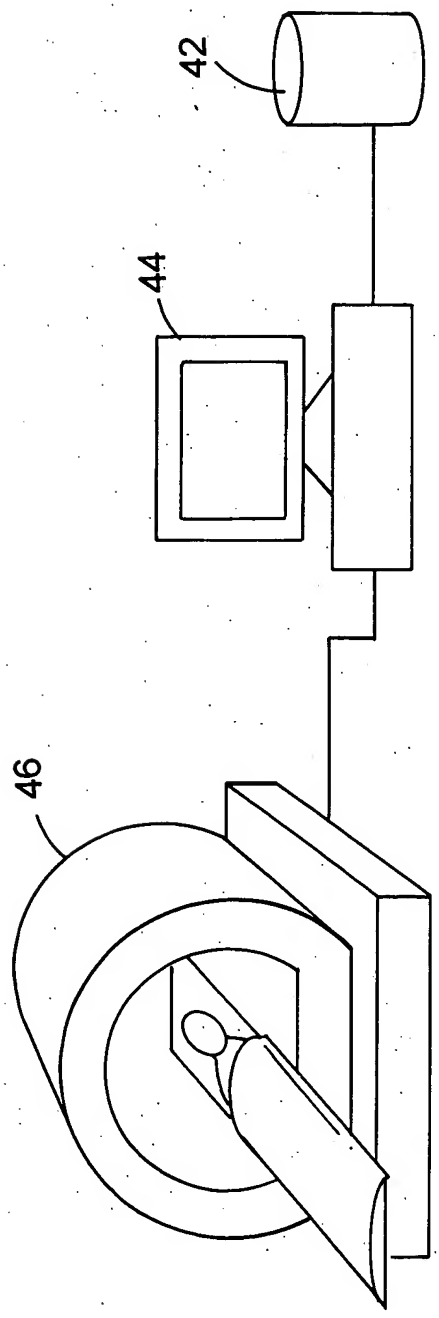

FIG. 6

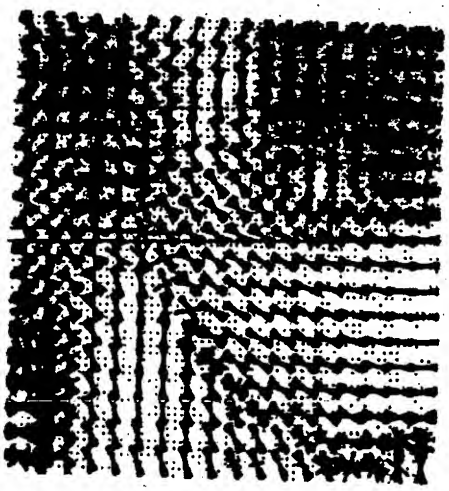

FIG. 7

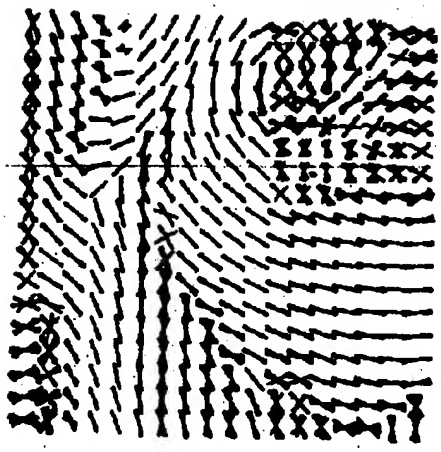

FIG. 8